

Amendments to the Specification

Please replace the paragraph beginning on page 4, line 6 with the following amended paragraph:

A system for securely transmitting and receiving data may include a first computer system for encrypting and transmitting data. The first computer system may have a transmission mechanism such as a modem. The system may also ~~include~~ include a first interface device for receiving once encrypted data from the first computer system, and for packetizing, encrypting and transmitting data. The first interface device may have a receiving mechanism, such as a modem, and a network connection utilizing a network interface card.

Please replace the paragraph beginning on page 4, line 12 with the following amended paragraph:

The system may also include a second interface device for receiving twice encrypted data from the first interface device, and for decrypting, reconstructing and transmitting data. The second interface device may have a network connection utilizing a network interface card and a transmission mechanism such as a modem.

Please replace the paragraph beginning on page 8, line 10 with the following amended paragraph:

The fourth modem 34 or other mechanism used by the second computer system 32 to receive transmitted data from the second interface device 24 may also serve as a data decryption device as well as a demodulator. Thus, the data may be decrypted at the second computer system 32 using the fourth modem 34. Alternatively, the data ~~encryption~~ decryption device may be independent of the fourth modem 34. The transmission medium 30 over which the second computer system 32 receives data may be a PSTN or other type of dedicated communication link, such as ISDN, DSL, T-1 or the like.